Fig. 1

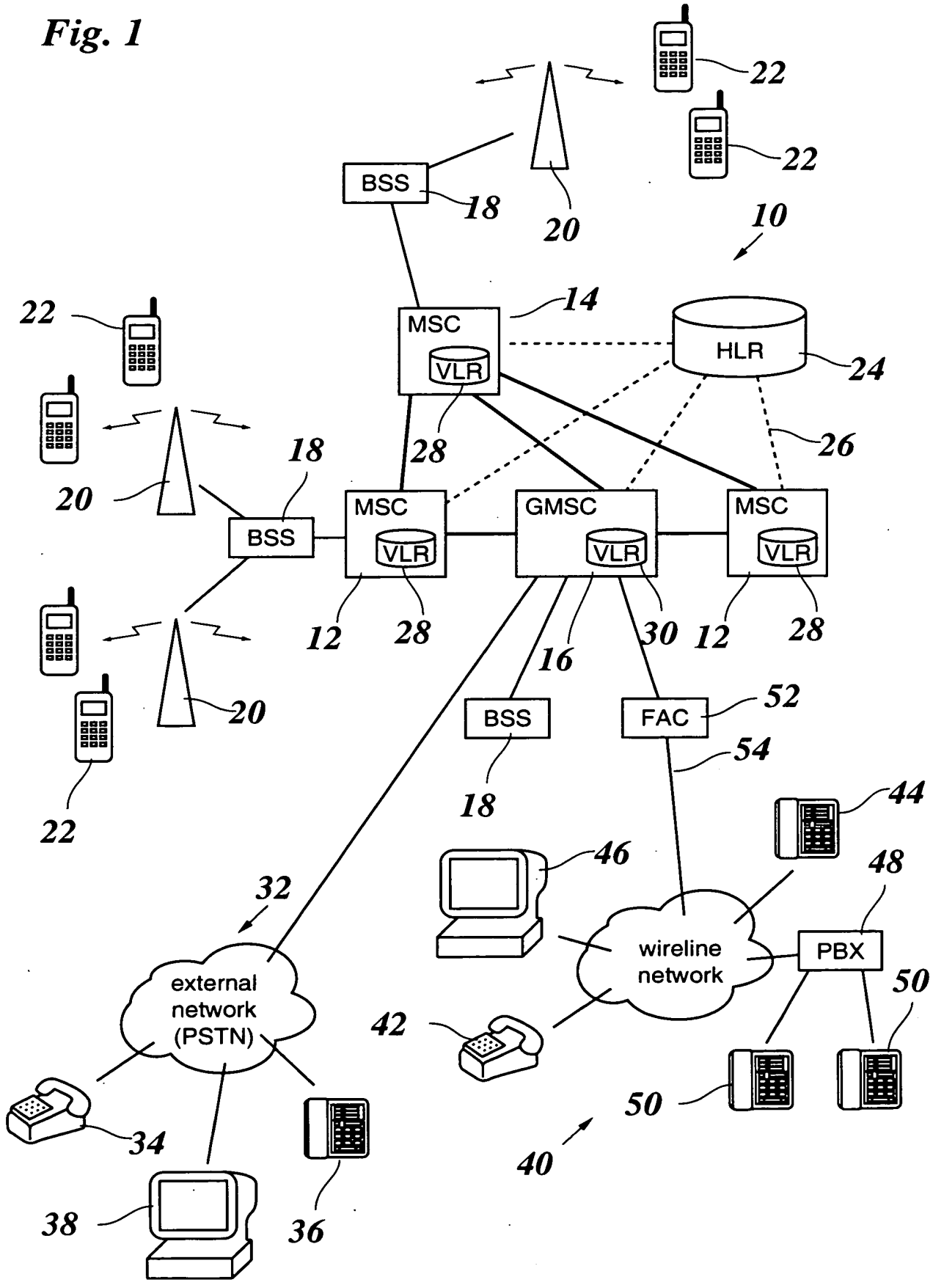
22
22
BSS
18
20
10
22
14
MSC
VLR
HLR
24
18
28
26
20
BSS
MSC
VLR
GMSC
VLR
MSC
VLR
12
28
30
12
28
16
20
BSS
FAC
52
54
22
18
44
46
48
32
wireline
network
PBX
external
network
(PSTN)
42
50
50
34
40
38
36

Fig. 2

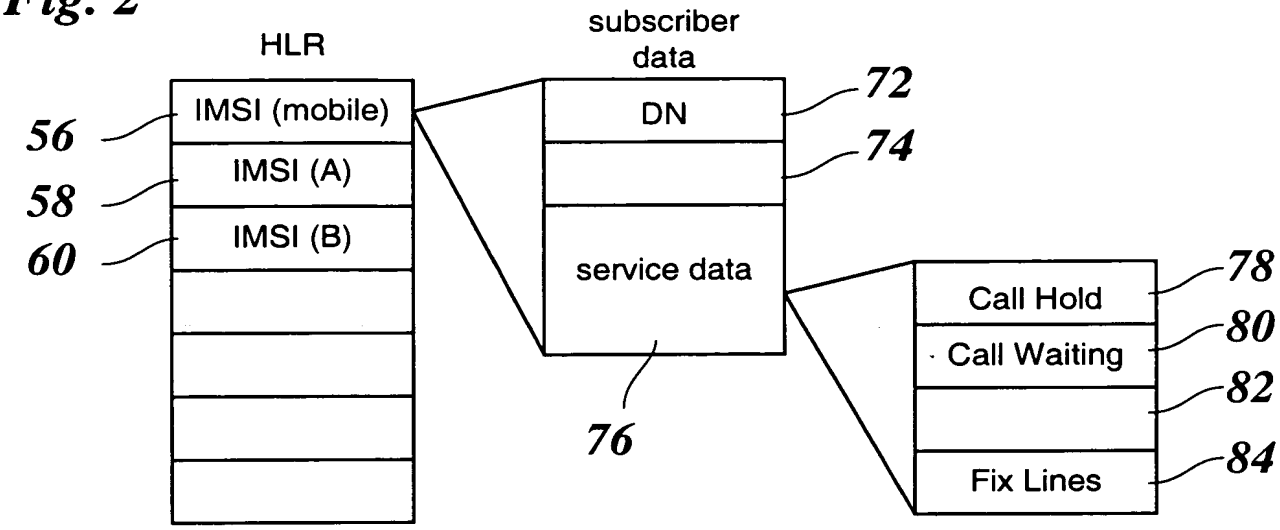

Fig. 4

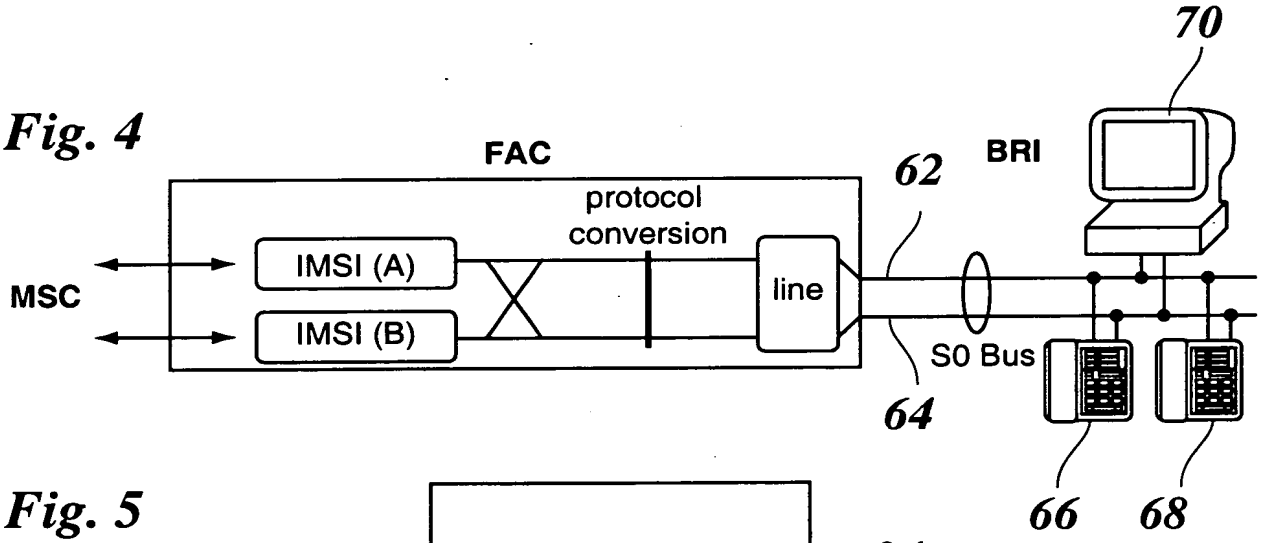

Fig. 5

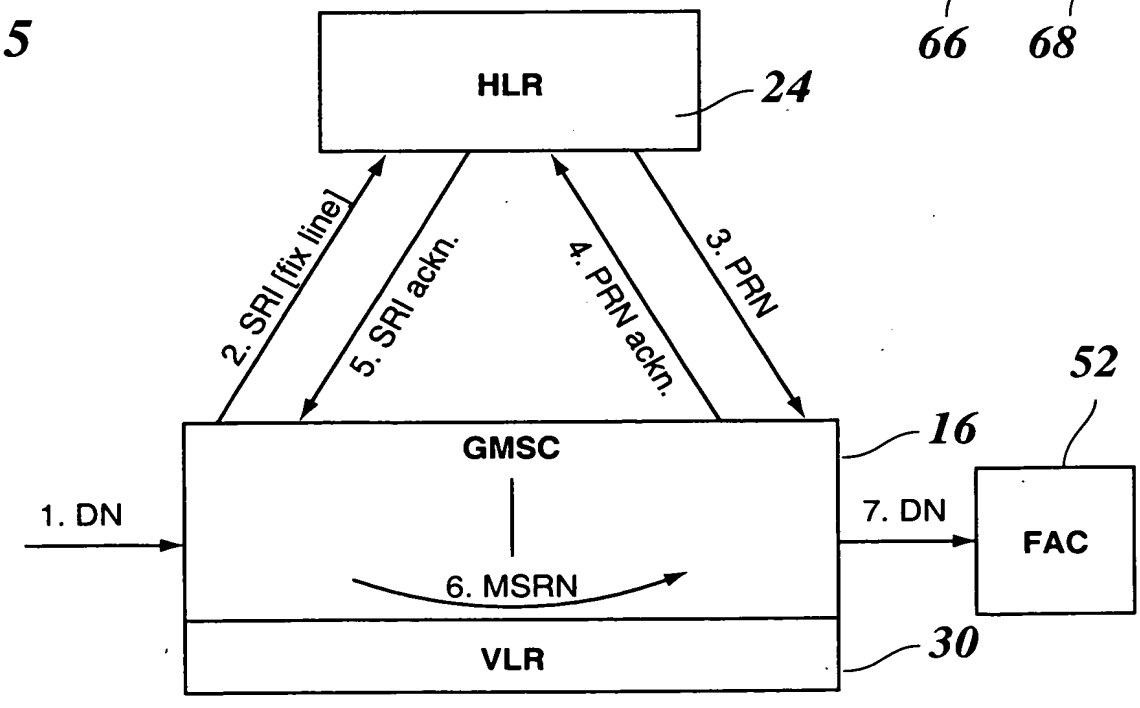

Fig. 3

84

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{FIX_LINES}
  Access_Type [analog, BRI primary,BRI secondary, mobile]
    {analog}
      optional mobile_IMSI vector of 15 [0-9]s
    {primary}
        Access_Sub_Type [p2m, p2p]
        {p2m}
          vector of up to 3 multiples with
            DN1_CFD_Type [unconditional, busy, no_reply]
            DN1_ISDN_Basic_Service_Id [0..64]
            DN1_CFD_DN vector of up to 15 [0-9]s
          MSN vector of up to 11 [0-9]s
            vector of up to 3 multiples with
              CFD_Type [unconditional, busy, no_reply]
              ISDN_Basic_Service_Id [0..64]
              CFD_DN vector of up to 15 [0-9]s
          vector of up to 8 multiples with
            MSN vector of up to 11 [0-9]s
            vector of up to 3 multiples with
              CFD_Type [unconditional, busy, no_reply]
              ISDN_Basic_Service_Id [0..64]
              CFD_DN vector of up to 15 [0-9]s
        {p2p}
          Base_SN   vector of up to 11 [0-9]s
          Range     [(10), (100), (1000), (10000)]
          Term_on_0 [yes, no]
          vector of up to 10 multiples with
            EXT vector of up to 4 [0-9]s
            EXT_DN vector of up to 15 [0-9]s
    {secondary}
      Default_IMSI_MSIN vector of 10 [0-9]s
      optional mobile_IMSI vector of 15 [0-9]s
    {mobile}
      Default_IMSI vector of 15 [0-9]s
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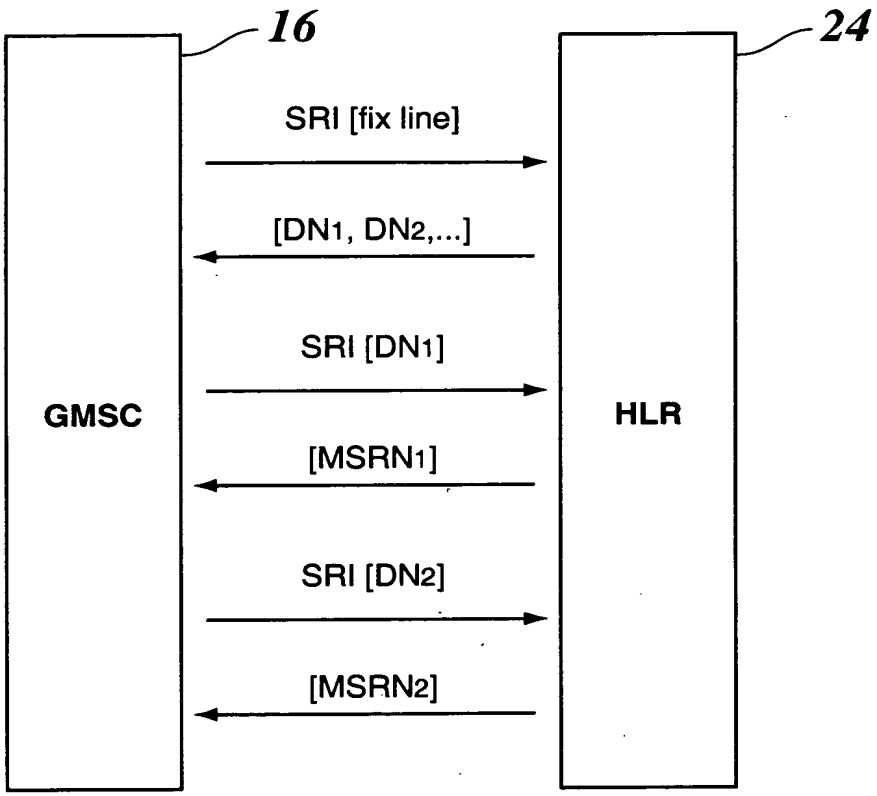
Fig. 6